

### REMARKS

Reconsideration and allowance of this application are respectfully requested in light of the above amendments and the following remarks.

Claims 25-48 are pending. Claims 26, 29, 32, 35, 38 and 41 stand allowed. Dependent claims 43-48 are newly presented herein.

At the outset, the Applicants wish to thank the examiners for the courtesy shown to their representatives during a personal interview on June 22, 2005. During the interview, it was agreed that the amendments proposed at the interview would appear to place the claims in allowable condition over the prior art applied in the pending office action. The amendments presented herein are identical with those proposed at the interview, except for spelling and punctuation corrections and the like. The following includes a summary of the discussion at the interview.

Section 1 objects to all drawings for not having descriptive labels. To the extent this objection applies to Figs. 31-50, the Applicants respectfully traverse because these figures represent the invention and are not related art. Proposed corrections to Figs. 1-30, 51 and 52 are submitted herewith to label them as "related art."

The prior art rejections are as follows:

(1) Independent claims 25, 27, 34 and 36 stand rejected under 35 USC 103(a) as obvious over Ranta et al. (EP 0853 439) in view of Kanerva et al. (US 6,052,385); and

(2) Dependent claims 28, 30, 37 and 39 stand rejected under 35 USC 103(a) as obvious over Ranta et al. (EP 0853 439) in view of Kanerva et al. (US 6,052,385) further in view of Abdesselem et al. (US 2004/0151143).

The examiners acknowledged during the interview that the subject matter of the amended claims presented herein patentably defines over the art of record. Specifically, the examiners acknowledged that independent claims 25, 27, 37 and 39, amended to include the features described below, would overcome the pending prior art rejections. The examiners further indicated that new claims 43 and 44, having features as described below, would also be allowable over the art of record.

Claims 25 and 34 are amended to recite that "when the number of transmission slots used in one TDMA frame on the uplink is the predetermined number, then, after receiving using a reception slot of the TDMA frame on the downlink, a time allocation of two consecutive slots shall apply for performing adjacent cell signal level measurement and getting ready to transmit."

Claims 27 and 36 are amended to recite (I) when a number of transmission slots used in one TDMA frame on the uplink is below

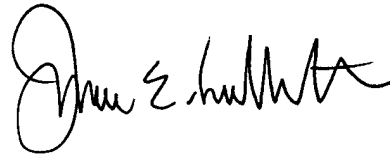
a predetermined number, then  $T_{ra}$  and  $T_{tb}$  shall apply,  $T_{ra}$  being a time needed for the mobile station apparatus to perform adjacent cell signal level measurement and get ready to receive and a minimum number of slots of  $T_{ra}$  being two slots, and  $T_{tb}$  being a time needed for the mobile station apparatus to get ready to transmit and a minimum number of slots of  $T_{tb}$  being one slot, (see Fig. 32) and (ii) when the number of transmission slots used in one TDMA frame on the uplink is the predetermined number, then  $T_{ta}$  and  $T_{rb}$  shall apply,  $T_{ta}$  being a time needed for the mobile station apparatus to perform adjacent cell signal level measurement and get ready to transmit and a minimum number of slots of  $T_{ta}$  being two slots, and  $T_{rb}$  being a time needed for the mobile station apparatus to get ready to receive and a minimum number of slots of  $T_{rb}$  being one slot." (see Fig. 25)

New claims 43 and 44 recite "wherein when a number of transmission slots used in one TDMA frame on the uplink is a predetermined number and when there is a time of less than two slots after a last used transmission slot, then a time allocation of two consecutive slots is provided for performing adjacent cell signal level measurement and getting ready to transmit before a first transmission slot."

Accordingly, in light of the foregoing, it is submitted that all pending claims are directed to allowable subject matter, and a notice to that effect is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: July 5, 2005

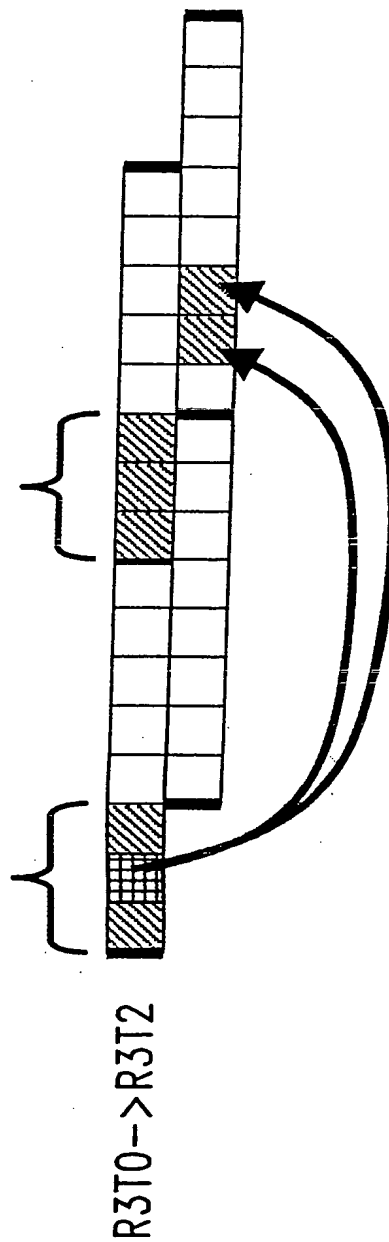
ATTORNEY DOCKET NO. L9289.04116

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IN THE DRAWINGS

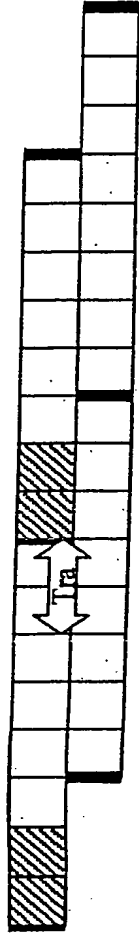
Proposed corrections to Figs. 1-30, 51 and 52 are submitted herewith to label them as "related art." Red ink corrected sheets, Replacement Sheets and a Letter to the Official Draftsman are attached.

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8



R2T0

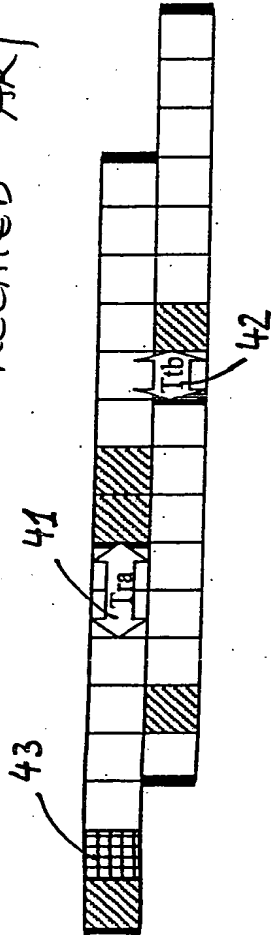
Fig.3



RELATED ART

R2T1

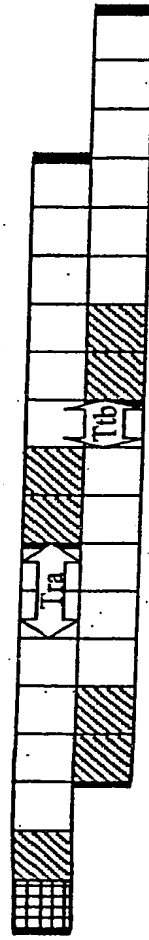
Fig.4



RELATED ART

R2T2

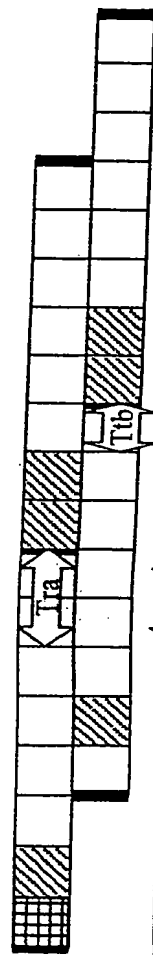
Fig.5



RELATED ART

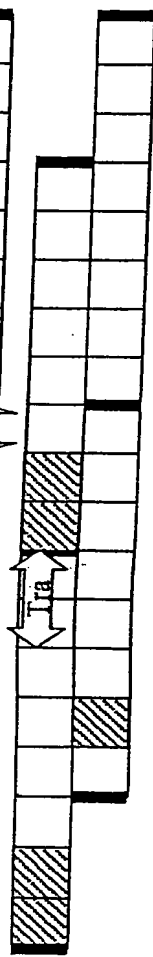
R2T1->R2T2

RELATED ART Fig. 7



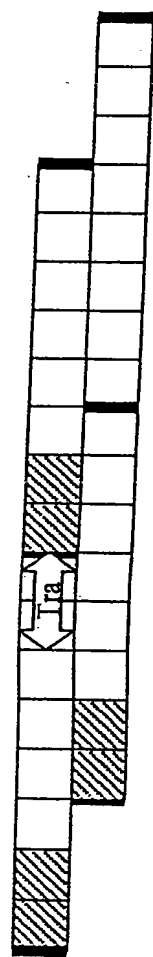
R2T1->R2T0

RELATED ART Fig. 8



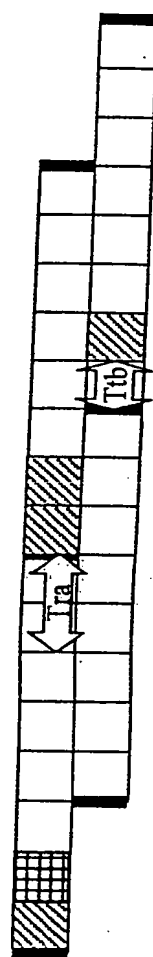
R2T2->R2T0

RELATED ART Fig. 9



R2T0->R2T1

RELATED ART Fig. 10



R2T0->R2T2

RELATED ART Fig. 11

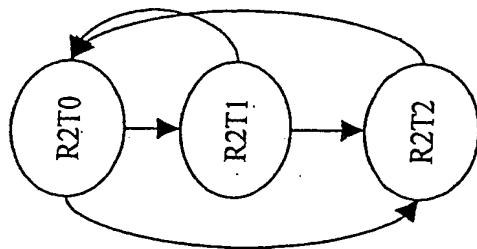
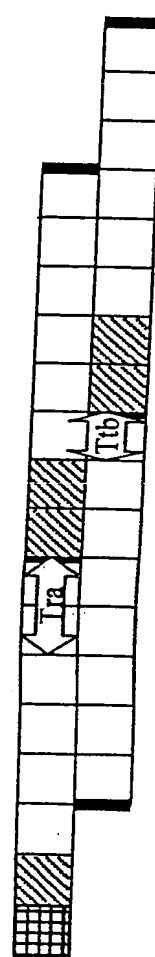
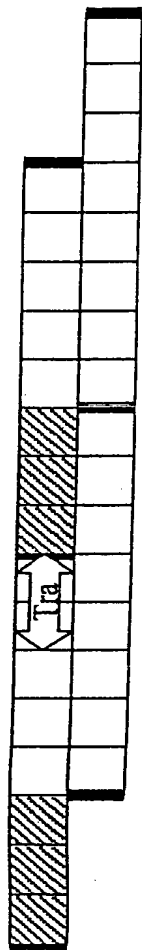


Fig. 6

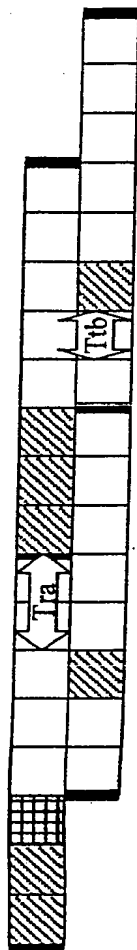
RELATED ART



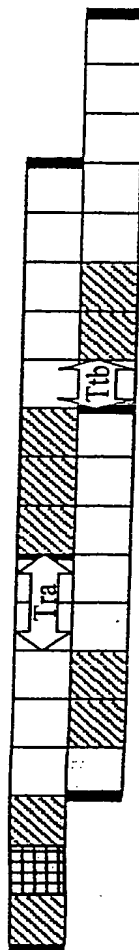
R3T0  
RELATED ART Fig.12



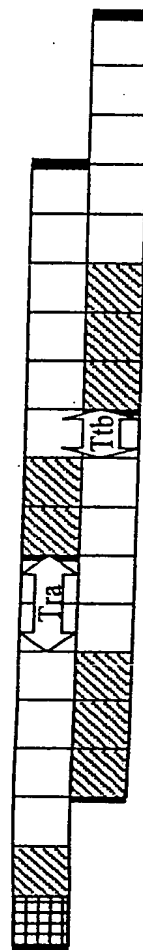
R3T1  
RELATED ART Fig.13



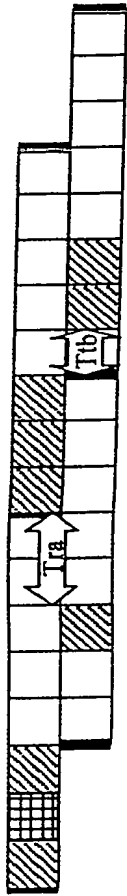
R3T2  
RELATED ART Fig.14



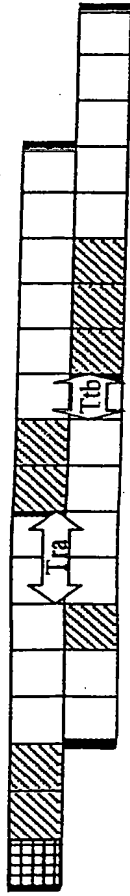
R3T3  
RELATED ART Fig.15



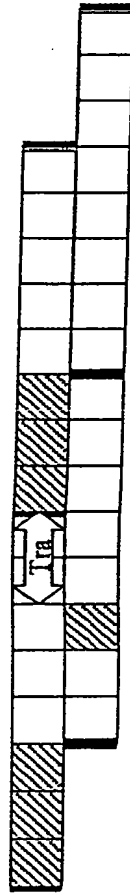
R3T1->R3T2  
RELATED ART Fig.17



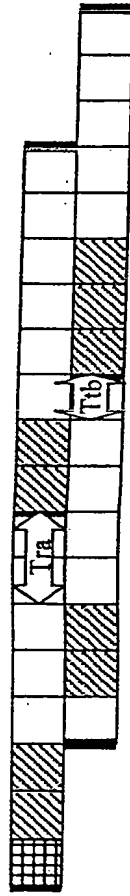
R3T1->R2T3  
RELATED ART Fig.18



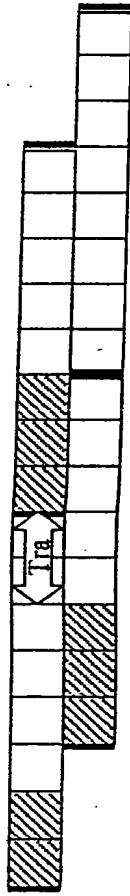
R3T1->R3T0  
RELATED ART Fig.19



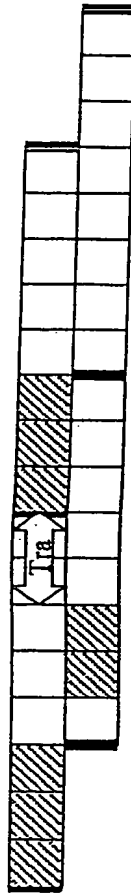
R3T2->R2T3  
RELATED ART Fig.20



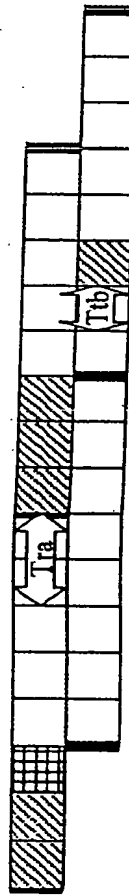
R2T3->R3T0  
RELATED ART Fig.21



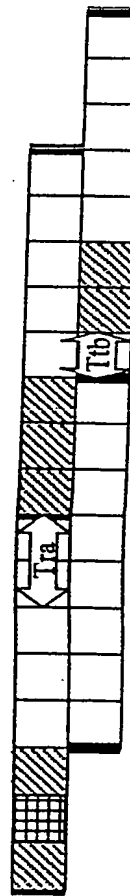
R3T2->R3T0  
RELATED ART Fig.22



R3T0->R3T1  
RELATED ART Fig.23



R3T0->R3T2  
RELATED ART Fig.24



R3T0->R2T3  
RELATED ART Fig.25

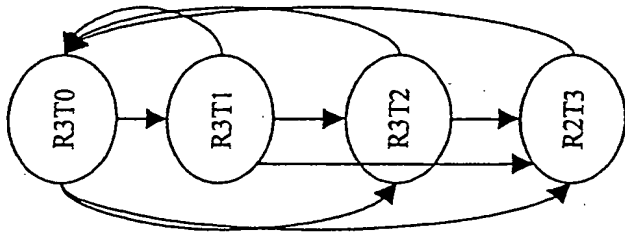
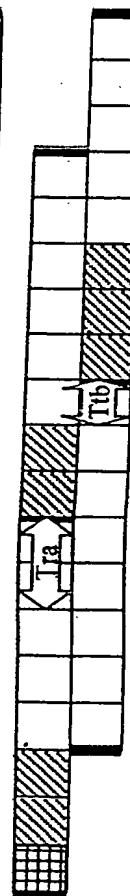
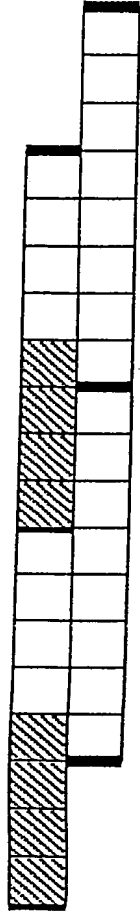


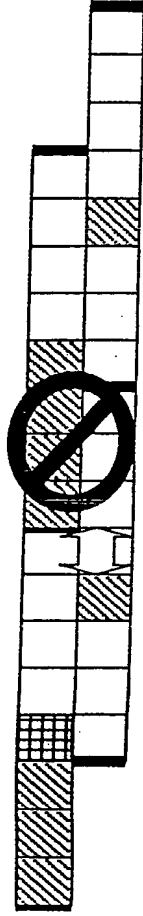
Fig.16

RELATED ART

R4T0  
RELATED ART  
Fig.26



R4T1  
RELATED ART  
Fig.27



R3T2  
RELATED ART  
Fig.28



R2T3  
RELATED ART  
Fig.29



R1T4  
RELATED ART  
Fig.30



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# Mobile Terminal

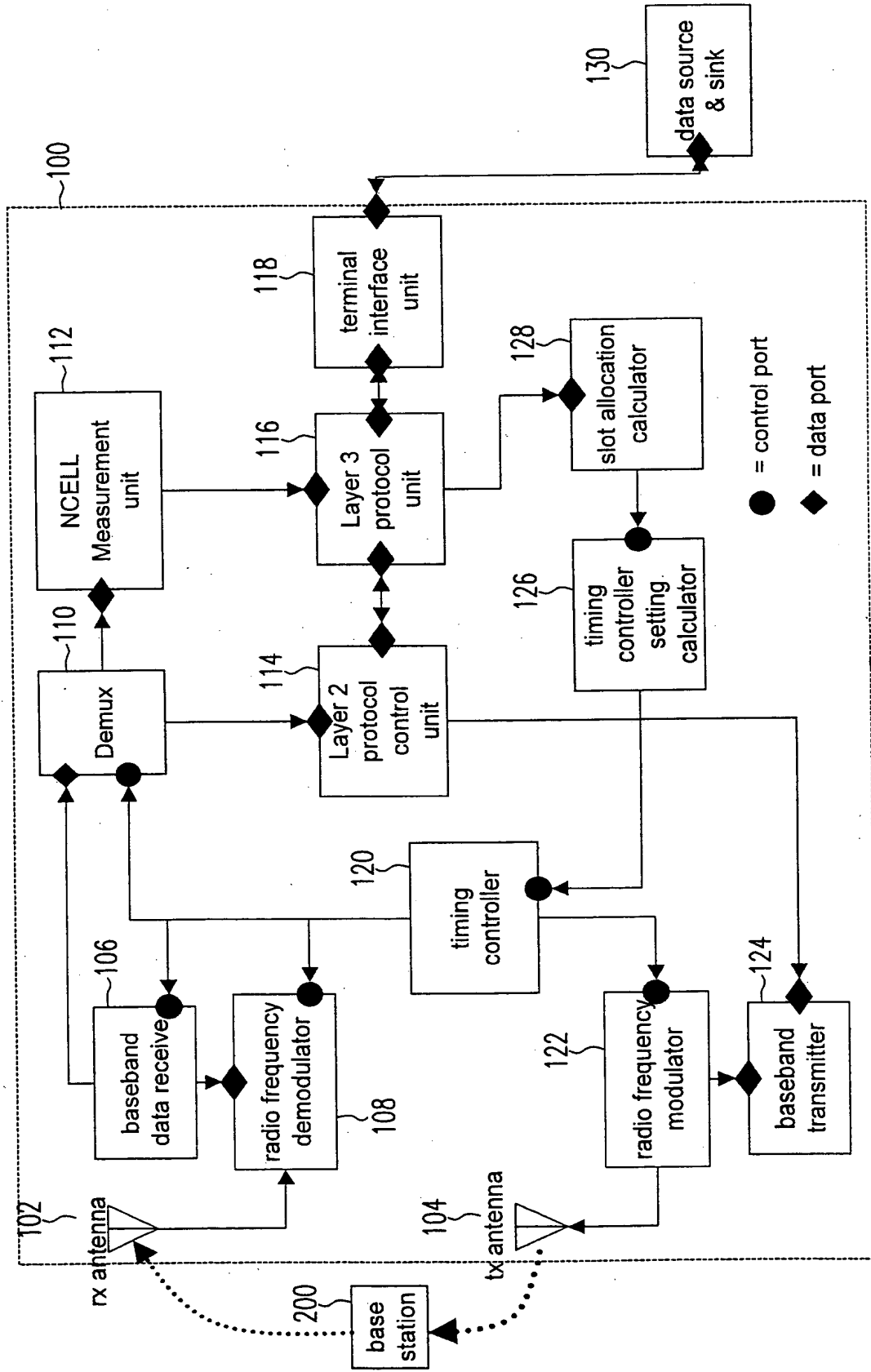
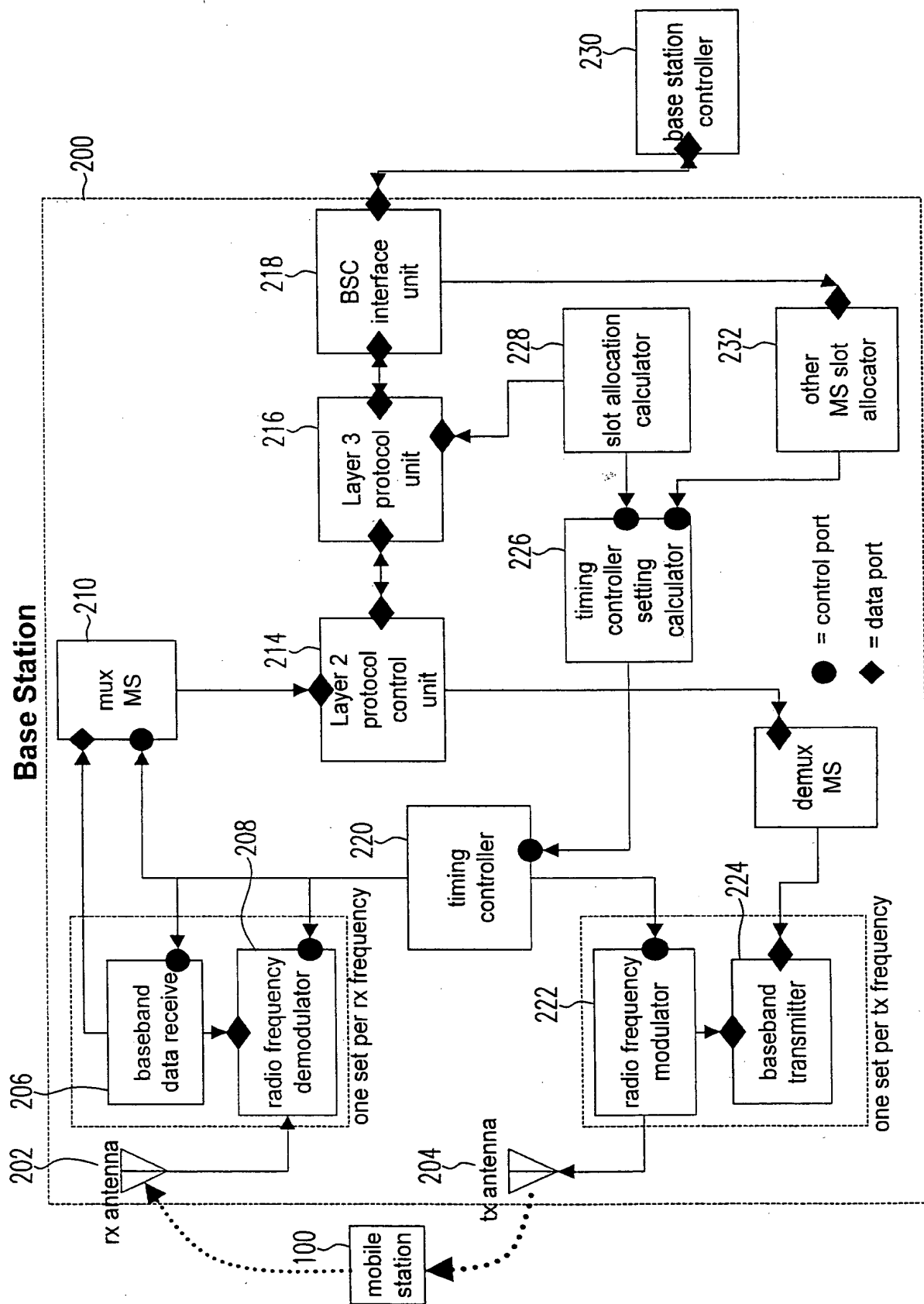


Fig.51

RELATED ART



**Fig. 52**

## RELATED ART